R/V DAN MOORE STATION LOG

VESSEL (1)	STATION (2-5)	CRUISE NO. (6-8)	MO. (9-14)	DAY	YEAR	GRID (15-17)	LATITUDE (18-21)	LONGITUDE (22-25)
M	2978	038	02	25	76	27BA	3656	7530

DEPTH (26-29)	SUR. TEMP. (30-31)	BTM TEMP. (32-33)	AIR TEMP (34-35)	BAROMETER (36-38)	BT (39)	WIND DIR. (40-41)	WIND SPD. (42-43)
0011	08	08	09	052	Y	SW	10

S.C. (44)	WEA. (45-46)	BTM TYPE (47-48)	BTM REG (49)	GEAR TYPE (50-51)	GEAR SIZE (52-54)	OP (55)	TM. START (56-57)	MIN. FISHED (58-60)
3	CL	SA	E	FT	151	—	08	030

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
01	00004	—	—	—

RIG (61-62)	TOTAL FINFISH (63-67)	TOTAL CRUSTACEANS (68-71)	TOTAL SHELLFISH (72-75)	TOTAL OTHER (76-80)
—	—	—	—	—

POSITION	LATITUDE	LONGITUDE	LORAN 3H4	LORAN 3H5	DEPTH fms	C/C	TIME ON STATION PO	TIME ON STATION DO
START	36°56′	75°30′	2124	3049	11		0735	0736
FINISH	36°56′	75°28′	2130	3045	13		PU 0806	ON 0810

LENGTH WARP	SHAFT RPM	PITCH	GEAR DATA:
50	1200 2 / 5	50	

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

9 blue back herring

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27 BA

R/V DAN MOORE SPECIES LIST

STA. NO. 2978 DATE Feb 25 19 76 BIOLOGISTS BFH JV SGK

TOT. CATCH WT. 3.5 AIR 9.0 SURFACE 8.1 BOTTOM 8.1

SAMPLE WT. 3.5 RAISING FACTOR 0

		SUBSAMPLE		TOTAL			
SPECIES	C or NC	NUMBER	WEIGHT	NO.	WT.	X WT	REMARKS
Ammodytes americanus				70	1.5	<0.1	
Alosa aestivalis				9	1	0.1	
Merluccius bilinearis				1	1	1	

Species: Mesocentrotus

Specimen Number	L.	Sex	Otoliths	Gonads	Fecundity	Bacteria	Age	Gonad Stage	Station Number	Remarks
1546	83	UNK						Im	2972	
47	84	"						"		
48	76	"						"		
49	89	"						"		
50	85	"						"		
51	86	"						"		
52	81	"						"		
53	78	"						"		
54	84	"						"		
55	81	"						"		
56	95	"						"		
57	75	"						"		
58	82	"						"		
59	95	"						"		
60	85	"						"		
61	81	"						"		
62	85	"						"		
63	86	"						"		
64	85	"						"		
65	84	"						"		
66	78	"						"		
67	81	"						"		
68	86	"						"		
69	134	♂						Im	2976	
70	198	♂						Im		
71	109	♀						Im		
72	115	UNK						Im		
73	110	♀						Im		
74	111	UNK						Im		
75	103	♀						Im		
76	96	UNK						Im		
77	95	UNK						Im		
78	108	UNK						Im		
79	94	UNK						Im		
80	183	♀						Im	2978	
81	181	♀						Im		
82	165	♀						Im		
83	171	♂						Im		
84	172	♂						Im		
85	175	♂						Im		
86	156	♂						Im		
87	161	♂						Im		
88	178	♀						Im		
89	237	♀						I	2980	
90	211	♀						I		
91	239	♀						I		
92	235	♀						I		
93	208	♂						Im		
94	207	♀						I		
95	210	♀						I		

LENGTH - FREQUENCY DISTRIBUTION

SPECIES: *A. aestivalis*

DATE: 2/25/76

STATION: 2978

LOCALITY: 27BA

T.L.	♂	♀	Unk
50-59.9			
60-			
70-			
80-			
90-			
100-			
110-			
120-			
130-			
140-			
150-	1		
160-	1	1	
170-	3	1	
180-		2	
190-			
200-			
210-			
220-			
230-			
240-			
250-			
260-			
270-			
280-			
290-			
300-			
310-			
320-			
330-			
340-			
350-			
360-			
370			
380-			
390-			
400-			
410-			
420-			
430-			
440-			
450-			
460-			
470-			
480-			
490-			
500-			
510-			
520			
530-			
540-			

T.L.	♂	♀	Unk
550-			
560-			
570-			
580-			
590-			
600-			
610-			
620-			
630-			
640-			
650-			
660-			
670-			
680-			
690-			
700-			
TOTAL	5	4	

N=9

Range ♂ 156-175

♀ 165-183